

1 for 2133

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: October 27, 2005 Name: JOSEPH F. HETZ Signature:

**BRINKS  
HOFER  
GILSON  
& LIONE**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Appln. of: **KLEVELAND ET AL.**

Appln. No.: **10/024,646**

Filed: **December 14, 2001**

For: **MEMORY DEVICE AND METHOD FOR  
REDUNDANCE/SELF-REPAIR**

Attorney Docket No: **10519/31**

Examiner: **J. TABONE, JR.**

Art Unit: **2133**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL**

Sir:

**Attached is/are:**

- ☒ Fifth Supplemental Information Disclosure Statement (2 pages); Form PTO-1449 (1 page).
- ☒ Return Receipt Postcard

**Fee calculation:**

- ☐ No additional fee is required.
- ☐ Small Entity.
- ☐ An extension fee in an amount of \$\_\_\_\_\_ for a \_\_\_\_\_-month extension of time under 37 C.F.R. § 1.136(a).
- ☐ A petition or processing fee in an amount of \$\_\_\_\_\_ under 37 C.F.R. § 1.17(\_\_\_\_\_).
- ☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$25=			x \$50=	
Indep.		Minus			x 100=			x \$200=	
First Presentation of Multiple Dep. Claim					+\$180=			+\$360=	
					Total	\$		Total	\$

**Fee payment:**

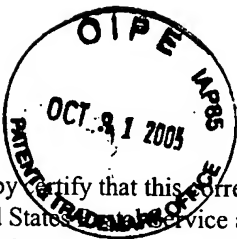
- ☐ A check in the amount of \$\_\_\_\_\_ is enclosed.
- ☐ Please charge Deposit Account No. 23-1925 in the amount of \$\_\_\_\_\_. A copy of this Transmittal is enclosed for this purpose.
- ☐ Payment by credit card in the amount of \$\_\_\_\_\_ (Form PTO-2038 is attached).
- ☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Date

10-27-05

Respectfully submitted,

Joseph F. Hetz (Reg. No. 41,070)



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Joseph F. Hetz - Reg. No. 41,070

Name of Applicant, Assignee or  
Registered Representative

  
Signature

Patent  
Our Case No. 10519-31

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)		
Kleveland et al.	)		
Serial No.: 10/024,646	)	Examiner:	J. Tabone, Jr.
Filed: December 14, 2001	)	Group Art Unit:	2133
For: Memory Device and Method for	)		
Redundancy/Self-Repair	)		

**FIFTH SUPPLEMENTAL**  
**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

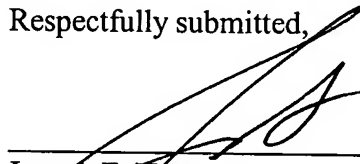
Dear Sir:

Pursuant to the obligation under 37 C.F.R. § 1.56 and in conformance with 37 C.F.R. §§  
1.97-1.98, Applicant hereby submits documents A1-A5 listed on the attached form PTO-1449 for  
consideration by the Examiner. Applicants request that the Examiner review the entire  
disclosure of these documents and make them of record.

The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, Applicants reserve the right to contest that any of the information submitted herewith is prior art against the present application.

Dated: October 27, 2005

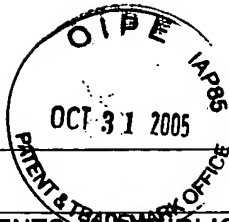
Respectfully submitted,



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Joseph F. Hetz  
Reg. No. 41,070  
Attorney for Applicants

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FORM PTO-1449	SERIAL NO. 10/024,646	CASE NO. 10519/31
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>	FILING DATE December 14, 2001	GROUP ART UNIT 2133
(use several sheets if necessary)		APPLICANT(S): KLEVELAND ET AL.

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	6,597,595	07/2003	ICHIRIU ET AL.		
	A2	6,487,749	12/2002	TSUI, CHI WAH		
	A3	5,920,502	07/1999	NODA ET AL.		
	A4	5,701,267	12/1997	MASUDA ET AL.		
	A5	5,642,318	06/1997	KNAACK ET AL.		

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
	A6					
	A7					
	A8					
	A9					

EXAMINER INITIAL	<b>OTHER ART - NON PATENT LITERATURE DOCUMENTS</b> <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)</small>	
	A10	
	A11	
	A12	
	A13	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.